



U M O D P C



RECEPTION, STAGING,
ONWARD MOVEMENT &
INTEGRATION (RSO&I)

612-603-02



Deployment Phases



① Pre-deployment Activities

② Movement to POE



③ Strategic Lift



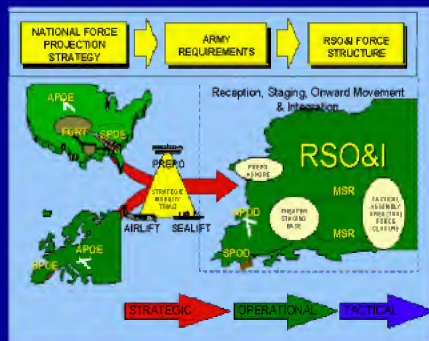
④ Reception, staging, onward movement & integration (RSO&I)

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Deployment Process



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RSO&I -- What Is It?



RSO&I -- A New Term for an Old Problem

Problem: How to receive personnel and equipment into a theater of operations, rejoin these elements into combat ready units, and integrate these units into the theater's command structure.



RSO&I -- Reception



- Reception:
 - Unloading passengers and equipment from strategic lift
 - Marshaling arriving units
 - Transporting units to staging areas (if required)
 - Providing deploying soldiers life support



RSO&I -- Staging



- Staging:
 - Assembling & organizing arriving personnel and equipment into units and forces
 - Building combat power
 - Preparing units for onward movement
 - Providing deploying soldiers life support until unit is self sustaining



RSO&I -- Onward Movement



- Onward Movement:

Units & equip move from reception & staging areas to tactical assembly areas (TAAs) or other destinations



RSO&I -- Integration



- Integration:
 - Authority over deploying unit is transferred to designated commander in theater
 - To achieve integration--
 - Unit must be operational and mission ready
 - Unit must be absorbed into joint force



Unit and UMO Planning Considerations for RSO&I



- Review procedures and tasks in higher headquarters and theater RSO&I plans
- Is deployment opposed or unopposed?
 - For opposed operations, units configure tactically for deployment.
 - For unopposed operations:
 - Personnel normally move by air, equip by sea
 - Personnel & equip reassembled into tactical units in theater



Unit & UMO Planning Considerations RSO&I (Cont)



- Is the unit drawing Army Prepositioned Stocks (APS) in theater?
 - If drawing APS -- Unit Cdr & UMO must review battlebook for APS site/ship.
 - Information is available in Automated Battlebook System (ABS)



Unit & UMO Planning Considerations RSO&I (Cont)



- Develop unit battlebook with information about destination & RSO&I operations. Include:
 - Info/pictures on POD layout & facilities
 - Convoy routes
 - Plans/location for drawing APS
 - POCs & supporting commands/agencies





Reception



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Possible Reception Scenarios



- Scenario 1. Unit and equipment arrive via air at APOD
- Scenario 2. Soldiers arrive by air at APOD, equip arrives by sea at SPOD. Soldiers and equipment reassembled at in-theater staging base
- Scenario 3. Soldiers arrive at APOD, then move to APS land or afloat locations to draw APS



Scenario 1





Reception Operations – Joint Aerial Port Complex



- Soldiers and/or equipment may arrive at a Joint Aerial Port Complex
 - May be large complex containing airfield and numerous support functions
 - Includes terminal support functions such as A/DACG, movement control, equip and cargo holding areas, postal facilities, helicopter assembly areas



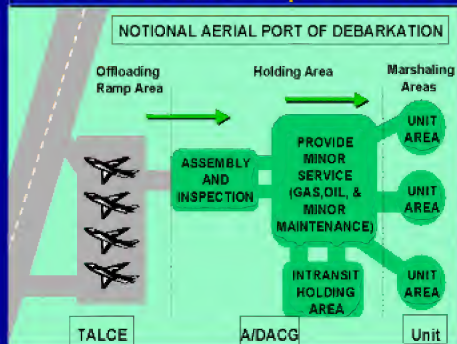
APOD Operations -- Key Organizations and Activities



- Arriving unit interfaces with and is supported by:
 - USAF Aerial Port Squadrons (APS) or Tanker Airlift Control Elements (TALCE)
 - Arrival/Departure Airfield Control Group (A/DACG)
 - Movement Control (Movement Control Agency, Port Movement Control Team)
 - Designated support organizations from receiving command and host nation support



APOD Operations -- Airfield Functions and Responsibilities





APOD Operations -- Offload Ramp Area



- TALCE operations and responsibilities
 - TALCE controls offload ramp area
 - Supervises aircraft unloading
 - Provide offload equip (e.g., MHE) as required
 - Releases aircraft loads to A/DACG control



APOD Operations -- Offload Ramp Area (Cont)



- A/DACG operations and responsibilities
 - Maintains coordination with TALCE & arriving unit
 - Provides offload teams & support equipment (as required)
 - Accepts aircraft loads from TALCE at agreed location
 - Coordinates with TALCE for return of unit's shoring and dunnage



APOD Operations -- Offload Ramp Area (Cont)



- Arriving Unit responsibilities
 - Assist, as required, in unlash and offloading aircraft
 - Retain shoring and dunnage for redeployment
 - Provide A/DACG copy of pax and cargo manifest



APOD Operations -- Holding Area



- A/DACG operations and responsibilities
 - A/DACG controls holding area
 - Coordinates with TALCE & arriving unit
 - Releases aircraft load to arriving unit
 - Coordinates move of unit pallets to unit marshaling areas
 - May provide minor services (fuel, maintenance) for arriving unit vehicles



APOD Operations -- Holding Area (Cont)



- Arriving Unit activities
 - Provides a liaison to A/DACG to facilitate processing of arriving unit plane loads
 - Assists A/DACG as required
 - Drives unit vehicles from holding area to unit marshaling area
 - Coordinates with movement control teams that may be operating in port area



APOD Operations -- Unit Marshaling Area



- Arriving Unit activities
 - Install equipment that was removed for strategic deployment
 - Perform maintenance checks and refueling
 - Prepare and organize for movement (convoy, rail, airlift, inland water)



APOD Operations -- Unit Marshaling Area (Cont)



- Area Support Group (ASG) or other designated organization
 - May provide life support / services for deploying unit
- Movement Control Teams (MCTs)
 - Port & Area MCTs operate in APOD ops area
 - Assist units in onward movement
 - Coordinate & task for transportation assets required by deploying unit



APOD Operations -- UMO Considerations & Duties



- Develop unit plan for departing marshaling area based on higher hq's, ASCC & theater RSO&I plan
 - Unit may move equipment to railhead for onward movement to destination.
 - Vehicles may convoy and soldiers move by bus
- UMO coordinates move with MCT or other supporting movement organization
- UMO coordinates with ASG or other support units operating railheads, bus transport, etc.



APOD Operations -- UMO Considerations/Duties (Cont)



- Bottom line: UMO performs tasks & coordination to move unit out of port area. May include:
 - Preparing for convoy move (convoy requests)
 - Organizing unit for rail (load teams, vehicle reconfiguration) bus, or other modes
- Key consideration: Split UMO operations
 - UMO arrives early to coordinate theater movements, alternate UMO supports APOE departure and arrives later in flow



Scenario 2



- Soldiers arrive by air at APOD
 - Vehicle drivers move to SPOD
 - Unit main body moves to theater staging base
- Equipment arrives at SPOD
 - Drivers and mechanics prepare equipment for movement to theater staging base
- Equipment & soldiers reassembled at TSB



Scenario 2 -- Air and Sea Reception



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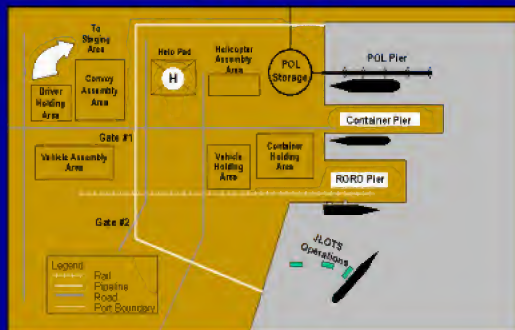
SPOD Operations -- Joint Water Port Complexes



- Equipment arrival at Joint Water Port Complex
 - May be large complex with multiple piers (POL, RO/RO, container) & area for JLOTS operations
 - Includes terminal support functions/areas:
 - + Transportation mode ops & movement control
 - + Port Support Activity
 - + Convoy and helicopter assembly areas
 - + Vehicle, cargo and container holding areas



Joint Water Port Complex (Notional)



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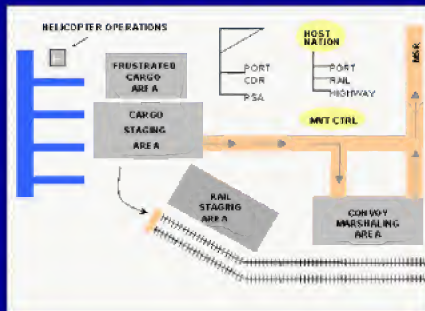
SPOD Operations -- Key Organizations and Activities



- Arriving unit interfaces with and is supported by:
 - MTMC -- Single Port Manager
 - Port Support Activity (PSA)
 - Movement Control Teams (MCT)
 - ASG or other designated supporting units



SPOD Organization (Notional)





SPOD Operations -- Port Operating Area



- Port Area includes ship discharge area and port staging area
- MTMC manages port operations in port area
 - Discharges unit equipment from vessel
 - Stages equipment in port staging area
 - Releases equipment to unit



SPOD Operations -- Port Operating Area (Cont)



- Port Support Activity (PSA) operates in direct support of MTMC
- PSA operates in port staging area
 - Receives & stages discharged equipment
 - Provides licensed vehicle operators for all types of equipment
 - As required, provides maintenance capability to support arriving unit vehicles



SPOD Operations -- Port Operating Area (Cont)



- Area Support Group (ASG) (or other designated organization)
 - May provide life support / services for deploying unit
- Movement Control Organizations
 - Port & Area MCTs operate in SPOD ops area
 - Assist units in onward movement
 - Coordinate & task for transportation assets required by deploying unit



SPOD Operations -- Port Marshaling Area



- Arriving Unit activities
 - Reinstall equipment removed for strategic deployment
 - Unpack containers and repack cargo as vehicle secondary loads
 - Perform maintenance checks and refueling
 - Prepare and organize equipment for onward movement (convoy, rail, inland water)



SPOD Operations -- Port Marshaling Area (Cont)



- Arriving Unit activities (Cont)
 - Port marshaling area may not be available
 - Units may have to move directly to destination
 - Prepare and organize equipment for onward movement at port staging area
 - Must coordinate with port commander to reduce interference at port



SPOD Operations -- UMO Considerations & Duties



- Advance movement planning prior to theater arrival
 - Based on RSO&I plan, higher hq's guidance
- Coordination with MCT at APOD for transporting:
 - Advance party teams such as vehicle drivers to SPOD
 - Main body to theater staging base



SPOD Operations -- UMO Considerations/Duties (Cont)



- UMO Coordination at SPOD:
 - Port Manager staff & PSA for receiving unit equipment
 - Movement Control Agency or MCTs for onward movement of equip to theater staging base



SPOD Operations -- UMO Considerations/Duties (Cont)



- Equipment could move to TSB by convoy, rail, military/commercial truck, inland waterway
 - UMO coordinates with MCT for required transportation assets, convoy clearances, local movement procedures
 - UMO coordinates with designated support units operating railheads, convoy assembly areas



SPOD Operations -- UMO Considerations/Duties (Cont)



- Split UMO operations?
 - UMO representative may have to be at APOD
 - UMO representative may have to be at SPOD
 - UMO may have to coordinate at TSB or other designated areas
- UMO must oversee various operations & use alternate UMO or have knowledgeable rep



Scenario 3



- Soldiers, TAT and non authorized prepositioned (NAP) items arrive APOD
- Arriving unit will draw APS from:
 - Army Prepositioned Afloat (APA) vessels that sail to the theater, or
 - Army Prepositioned Land (APL) sites located in theater



Scenario 3 (Cont)



- For APA operations, unit moves from APOD to seaport in following sequence:
 - Survey, Liaison, Reconnaissance Party (SLRP)
 - Advance party
 - PSA personnel (if required)
 - Main body
- For APL operations, advance party moves from APOD to APS site, followed by main body



Unit & UMO Considerations for APS Operations



- References are:
 - FM 100-17-1, *APA Operations*, provides doctrine and procedures for afloat operations
 - FM 100-17-2, *APL Operations*, provides doctrine and procedures for ashore operations



Unit & UMO Considerations for APS Operations (Cont)



- For APS operations, unit will generally operate as part of battalion or brigade size forces
- UMO gathers available information about move to APS sites before unit arrives theater
 - Coordination with Bn/Bde movement officers & S-4
 - Unit plans based on higher hq's plans



Unit & UMO Considerations for APS Operations (Cont)



- Unit Commander and UMO must access ABS
 - Army Materiel Command's ABS contains:
 - + Battlebooks for APS sites / vessels
 - + APS equipment listing by UIC
 - + Equipment draw procedures & site information
 - + Unit checklists for APS operations
 - ABS info available at <http://www.battleweb.com>
and <http://www.battlebooks.com>



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Army Prepositioned Afloat (APA) -- Key Organizations



- Unit interfaces with and is supported by:
 - MTMC & Composite Transportation Group (CTG)
 - + MTMC is port manager, CTG is port operator
 - + CTG operates SPOD and is responsible for onward movement of equip and personnel
 - PSA: Performs normal PSA functions



APA -- Unit Organization for APA operations (Cont)



- PSA: Unit may be required to provide own or supplement PSA at SPOD
- Unit Main Body
 - + Receives equipment at the APA site
 - + Moves to TAA or other designated location
 - + Prepares for continued operations



APA -- Unit Organization for APA Operations



- Survey, Liaison, Reconnaissance Party (SLRP)
 - Includes reps from deploying unit, MCT, AMC & port commander
 - Arrives SPOD prior to APA vessel arrival
 - Purpose:
 - + Reconnaissance, liaison with theater authorities
 - + Prepare for advance party & main body arrival



APA -- Unit Organization for APA operations (Cont)



- Advance Party
 - Formed from deploying unit(s)
 - Primary tasks:
 - + Arrange for reception of unit main body
 - + Rendezvous with APA ships
 - + Assist in port support and discharge operations
 - Should include battery teams, fuel handlers, drivers, property book & supply personnel



APA -- Unit Organization for APA operations (Cont)



- PSA: Unit may be required to provide own or supplement PSA at SPOD
- Unit Main Body
 - + Receives equipment at the APA site
 - + Moves to TAA or other designated location
 - + Prepares for continued operations



Army Prepositioned Land (APL) -- Unit Organization for APL Operations



- Unit Advance Party
 - Moves from APOD to APL location
 - Signs for unit APS equipment
 - Moves Equipment to marshaling area in vicinity of APL site



Staging



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Staging (Cont)



- Staging Process:
 - Reassemble and reunite units with their equipment
 - Upload unit basic loads
 - Prepare and schedule units for onward movement to TAA
 - Provide life support until unit is self sustaining



Theater Staging Base (TSB)



- TSBs provides an arm, fuel, fix capability.
They include:
 - Marshaling areas, maintenance shelters
 - Equipment calibration, weapons boresighting
 - Fuel and ammo storage
 - Test driving loop and range areas



Theater Staging Base Layout (Notional)



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TSB -- Unit and UMO Movement Tasks



- Coordinate with MCT for onward movement schedule and movement procedures, by mode.
- Reconfigure unit equipment for onward movement mode (rail, road, inland/coastal water)
- Process necessary movement documentation (convoy requests, rail load plans)
- Coordinate with supporting units responsible for rail loading and convoy assembly operations.



Onward Movement



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Onward Movement (Cont)



- Onward Movement Process:
 - Moving units & materiel from reception facilities and staging bases to TAA or other destinations
- Onward movement is normally planned, scheduled and controlled by movement control agencies, battalions and teams.
- Numerous forces and host nation traffic may be competing for movement over same LOC.



Onward Movement -- UMO Considerations & Tasks



- UMO tasks essentially same as covered in APOD/SPOD preparation for onward movement
- Support facilities, such as convoy support centers, may be established to support unit onward movement
- Security concerns can impact unit organization for onward movement



Integration



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Integration Process



- To achieve integration, the unit:
 - Must become operational and mission-ready
-- move, fight and communicate
 - Must be absorbed into the joint force
- Integration is complete when receiving commander establishes command & control over arriving unit